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TITLE: Method for the numerical simulation of a physical phenomenon with a preferential direction

PUBLICATION-DATE: August 26, 2004

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Struijs, Robert	Tournefeuille		FR

US-CL-CURRENT: 703/2

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PGPUB-DOCUMENT-NUMBER: 20060166176
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DOCUMENT-IDENTIFIER: US 20060166176 A1

TITLE: Mathematical circulatory system model

PUBLICATION-DATE: July 27, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Lakin; William D.	Johnson	VT	US
Stevens; Scott A.	Erie	PA	US

US-CL-CURRENT: 434/262; 703/11

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

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PGPUB-DOCUMENT-NUMBER: 20060052992
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060052992 A1

TITLE: Method for predicting loudspeaker port performance and optimizing loudspeaker port designs utilizing bi-directional fluid flow principles

PUBLICATION-DATE: March 9, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Devantier; Allan	Newhall	CA	US
Rapoport; Zachary	Northridge	CA	US

US-CL-CURRENT: 703/9

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

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L4: Entry 3 of 21   File: PGPB   Jan 26, 2006

PGPUB-DOCUMENT-NUMBER: 20060017008
PGPUB-FILING-TYPE:
DOCUMENT-IDENTIFIER: US 20060017008 A1

TITLE: Dyed microspheres for characterization of photochemical reactor behavior

PUBLICATION-DATE: January 26, 2006

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Blatchley; Ernest R. III	West Lafayette	IN	US
Shen; Chengyue	West Lafayette	IN	US
Naunovic; Zorana	West Lafayette	IN	US
Lin; Lian-Shin	Morgantown	WV	US
Lyn; Dennis A.	West Lafayette	IN	US
Bergstrom; Donald E.	West Lafayette	IN	US
Fang; Shiyue	Houghton	MI	US
Guan; Yousheng	North Billerica	MA	US
Robinson; Joseph Paul	West Lafayette	IN	US
Ragheb; Kathyrn	West Lafayette	IN	US
Gregori; Gerald J.	West Lafayette	IN	US

US-CL-CURRENT: 250/484.5

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PGPUB-DOCUMENT-NUMBER: 20050253854
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050253854 A1

TITLE: Method and system for performing computer graphic simulation of a fluid
using target-driven control

PUBLICATION-DATE: November 17, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Lischinski, Daniel	Jerusalem		IL
Fattal, Raanan	Jerusalem		IL

US-CL-CURRENT: 345/474

☐ 5. Document ID: US 20050234349 A1

L4: Entry 5 of 21   File: PGPB   Oct 20, 2005

PGPUB-DOCUMENT-NUMBER: 20050234349
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050234349 A1

TITLE: Methods, systems, and computer program products for analyzing cardiovascular
sounds using eigen functions

PUBLICATION-DATE: October 20, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Pravica, David William	Greenville	NC	US
Day, Orville W. JR.	Greenville	NC	US
Brock, Robert Scott	Greenville	NC	US

US-CL-CURRENT: 600/481

☐ 6. Document ID: US 20050194314 A1

L4: Entry 6 of 21   File: PGPB   Sep 8, 2005

PGPUB-DOCUMENT-NUMBER: 20050194314
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20050194314 A1

TITLE: Steady streaming particle traps

PUBLICATION-DATE: September 8, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY
Lutz, Barry R.	Seattle	WA	US
Schwartz, Daniel T.	Seattle	WA	US

US-CL-CURRENT: 210/634; 210/322

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PGPUB-DOCUMENT-NUMBER: 20040252138
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040252138 A1

TITLE: Processing method and apparatus therefor and image compositing method and apparatus therefor

PUBLICATION-DATE: December 16, 2004

INVENTOR-INFORMATION:
NAME	CITY	STATE	COUNTRY
Abeki, Junichi	Kamakura-shi		JP

US-CL-CURRENT: 345/629; 345/9

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PGPUB-DOCUMENT-NUMBER: 20040167757
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20040167757 A1

TITLE: Method for the numerical simulation of a physical phenomenon with a preferential direction

PUBLICATION-DATE: August 26, 2004

INVENTOR-INFORMATION:
NAME	CITY	STATE	COUNTRY
Struijs, Robert	Tournefeuille		FR

US-CL-CURRENT: 703/2

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 9. Document ID: US 6961719 B1

L4: Entry 9 of 21   File: USPT   Nov 1, 2005

US-PAT-NO: 6961719
DOCUMENT-IDENTIFIER: US 6961719 B1

TITLE: Hybrid neural network and support vector machine method for optimization

DATE-ISSUED: November 1, 2005

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rai; Man Mohan	Los Altos	CA		

US-CL-CURRENT: <u>706</u>/<u>21</u>; <u>706</u>/<u>19</u>, <u>706</u>/<u>25</u>

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US-PAT-NO: 6347507
DOCUMENT-IDENTIFIER: US 6347507 B1

TITLE: Method and apparatus for power generation using rotating ramjets

DATE-ISSUED: February 19, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Lawlor; Shawn P.	Redmond	WA		

US-CL-CURRENT: <u>60</u>/<u>722</u>; <u>60</u>/<u>39.35</u>, <u>60</u>/<u>767</u>

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De

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☐ 11.   Document ID: US 6266071 B1

L4: Entry 11 of 21   File: USPT   Jul 24, 2001

US-PAT-NO: 6266071
DOCUMENT-IDENTIFIER: US 6266071 B1

TITLE: Method of producing fluid-like animations using a rapid and stable solver
for the Navier-Stokes equations

DATE-ISSUED: July 24, 2001

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stam; Jos	Seattle	WA		
Brinsmead; Duncan	Ontario			CA

US-CL-CURRENT: <u>345</u>/<u>473</u>

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De

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☐ 12.   Document ID: US 6227809 B1

L4: Entry 12 of 21   File: USPT   May 8, 2001

US-PAT-NO: 6227809
DOCUMENT-IDENTIFIER: US 6227809 B1

TITLE: Method for making micropumps

DATE-ISSUED: May 8, 2001

INVENTOR-INFORMATION:
NAME	CITY	STATE	ZIP CODE	COUNTRY
Forster; Fred K.	Seattle	WA		
Bardell; Ron L.	Seattle	WA		
Sharma; Nigel R.	Bothell	WA		

US-CL-CURRENT: 417/53; 417/413.2

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 13.   Document ID: US 6186085 B1

L4: Entry 13 of 21   File: USPT   Feb 13, 2001

US-PAT-NO: 6186085
DOCUMENT-IDENTIFIER: US 6186085 B1
** See image for Certificate of Correction **

TITLE: Method for reducing frictional resistance of hull, frictional resistance
reducing ship using such method, and method for analyzing ejected air-bubbles from
ship

DATE-ISSUED: February 13, 2001

INVENTOR-INFORMATION:
NAME	CITY	STATE	ZIP CODE	COUNTRY
Kato; Hiroharu	Matsudo-shi, Chiba- Ken			JP
Takahashi; Yoshiaki	Tokyo			JP
Yoshida; Yuki	Kawasaki			JP
Masuko; Akira	Kamakura			JP
Watanabe; Osamu	Yokohama			JP

US-CL-CURRENT: 114/67A

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 14.   Document ID: US 6117087 A

L4: Entry 14 of 21   File: USPT   Sep 12, 2000

US-PAT-NO: 6117087
DOCUMENT-IDENTIFIER: US 6117087 A

TITLE: Method and apparatus for noninvasive assessment of a subject's
cardiovascular system

DATE-ISSUED: September 12, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kamm; Roger D.	Weston	MA		
Ozawa; Edwin Tomoya	Cambridge	MA		

US-CL-CURRENT: 600/504; 600/481, 600/500

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 15. Document ID: US 5899937 A

L4: Entry 15 of 21   File: USPT   May 4, 1999

US-PAT-NO: 5899937
DOCUMENT-IDENTIFIER: US 5899937 A

TITLE: Pulsatile flow system for developing heart valves

DATE-ISSUED: May 4, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Goldstein; Steven	Atlanta	GA		
Black; Kirby S.	Acworth	GA		

US-CL-CURRENT: 623/2.11; 73/865.6

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 16. Document ID: US 5812404 A

L4: Entry 16 of 21   File: USPT   Sep 22, 1998

US-PAT-NO: 5812404
DOCUMENT-IDENTIFIER: US 5812404 A

TITLE: Method for overall regulation of the headbox of a paper machine or
equivalent

DATE-ISSUED: September 22, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hamalainen; Jari	Jyska			FI
Nyberg; Petri	Jyvaskyla			FI

US-CL-CURRENT: <u>700</u>/<u>128</u>; <u>162</u>/<u>252</u>, <u>162</u>/<u>253</u>

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 17. Document ID: US 5801969 A

L4: Entry 17 of 21   File: USPT   Sep 1, 1998

US-PAT-NO: 5801969
DOCUMENT-IDENTIFIER: US 5801969 A
** See image for <u>Certificate of Correction</u> **

TITLE: Method and apparatus for computational <u>fluid dynamic</u> analysis with error estimation functions

DATE-ISSUED: September 1, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Nagahama; Yoshinori	Kawasaki			JP

US-CL-CURRENT: <u>703</u>/<u>9</u>

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 18. Document ID: US 5680590 A

L4: Entry 18 of 21   File: USPT   Oct 21, 1997

US-PAT-NO: 5680590
DOCUMENT-IDENTIFIER: US 5680590 A

TITLE: Simulation system and method of using same

DATE-ISSUED: October 21, 1997

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Parti; Michael	Del Mar	CA	92014	

US-CL-CURRENT: <u>703</u>/<u>2</u>; <u>703</u>/<u>11</u>

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 19. Document ID: US 5572434 A

L4: Entry 19 of 21   File: USPT   Nov 5, 1996

US-PAT-NO: 5572434
DOCUMENT-IDENTIFIER: US 5572434 A

TITLE: Method for simulating mold filling of semi-solid material

DATE-ISSUED: November 5, 1996

INVENTOR-INFORMATION:
NAME   CITY   STATE   ZIP CODE   COUNTRY
Wang; Kuo K.   Ithaca   NY
Wang; Shau-Poh   Ithaca   NY

US-CL-CURRENT: 700/197; 425/147, 703/9

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

☐ 20. Document ID: US 5432718 A

L4: Entry 20 of 21   File: USPT   Jul 11, 1995

US-PAT-NO: 5432718
DOCUMENT-IDENTIFIER: US 5432718 A
** See image for Certificate of Correction **

TITLE: Particle interaction processing system

DATE-ISSUED: July 11, 1995

INVENTOR-INFORMATION:
NAME   CITY   STATE   ZIP CODE   COUNTRY
Molvig; Kim   Reading   MA
Papadopoulos; Gregory M.   Burlington   MA

US-CL-CURRENT: 703/9; 702/50, 703/6

| Full | Title | Citation | Front | Review | Classification | Date | Reference | Sequences | Attachments | Claims | KWIC | Draw De |

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☐ 21. Document ID: US 5377129 A

L4: Entry 21 of 21   File: USPT   Dec 27, 1994

US-PAT-NO: 5377129
DOCUMENT-IDENTIFIER: US 5377129 A
** See image for Certificate of Correction **

TITLE: Particle interaction processing system

DATE-ISSUED: December 27, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Molvig; Kim	Reading	MA		
Papadopoulos; Gregory M.	Burlington	MA		

US-CL-CURRENT: 703/9; 702/50, 703/6

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC	Draw De

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